

ADSL SERIES

CRYPTO F320

Dual-port ADSL Router with USB and 10/100M LAN Port Annex A & B

- ADSL High-speed Internet Access (download speed up to 8Mbps & upload up to 1Mbps)
- Ease of Use with Quick Installation Utility
- 1 Ethernet and 1 USB ports
- SOHO Firewall Security with NAT Technology and Bridge Filtering
- 8 Virtual Circuits Support
- Web-based Configuration, Management



ADSL High-speed Internet Access

F320 is the ideal solution for office, home office and residential use, including in the same device both protocols Annex A & B as well as 1 Ethernet & 1 USB port. This way the router can be simply used at

- ADSL over ISDN or PSTN
- Ethernet LAN using the appropriate port or with a standalone pc using the USB port or both at the same time

Easy, fast, simple lets you take advantage of your ADSL connection capabilities, like

- high-speed Internet connections
- video streaming and real-time audio
- interactive gaming

Ease of Use with Quick Installation Utility

The installation of F320 is extremely easy with the help of Quick Installation Utility and the pc's Web browser. In the User's Manual, the end user will find all the necessary instructions for the data he has to collect from the ISP, fill them in and surf the Internet immediately.

SOHO Firewall Security with NAT Technology and Bridge Filtering

Powered by NAT technology, dozens of network users can surf on the Internet and share the ADSL connection simultaneously by using one ISP account and one IP address. The NAT also provides a natural firewall to protect the users from hacker attacks. In addition to NAT technology, the F320 supports Bridge Filtering feature, to filter the packets based-on MAC addresses and to offer a higher-level security control.

Easy Network Management

The Web-based User Interface makes the F320 extremely easy to install and be managed in your network. With DHCP client and server built-in, system administrators can easily attach this security router into existing networks and manage the IP assignment without re-configuring other stations.



CRYPTO F320

Features & Specifications

ADSL Compliance

- Compliant with ADSL Standards
 - Full-rate ANSI T1.413 Issue 2
 - G.DMT (ITU G.992.1)
 - G.Lite (ITU G.992.2)
- Sync. Rate: up to 8Mbps for download rate and 1Mbps for upload rate.
- Annex A & B

Network Protocols and Features

- Internet Control Message protocol (ICMP)
- IGMP (Internet Group Management Protocol)
- Routing Information Protocol RIPv2 (Backward compatible to RIPv1)
- Network Address Translator (NAT)
- NAPT (Network Address and Port Translation)
- Dynamic Host Configuration Protocol (DHCP)

Hardware Specification

Physical Interface

- WAN: ADSL port
- USB: Compliance to USB V1.1
- Factory default reset button
- LAN: 10/100Mbps Auto-sensing Ethernet port
- Power jack

Physical Specification

- Dimensions: 125mm x 88mm x 27mm

Application Diagram

ATM and PPP Protocols

- RFC 1483 BPDU (Bridge Ethernet over ATM)
- Bridged or routed Ethernet encapsulation
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- Classical IP over ATM (RFC 1577)

Security

- PAP (Password Authentication Protocol)
- CHAP (Challenge Authentication Protocol)
- User authentication for PPP
- Password Protected System Management
- Firewall

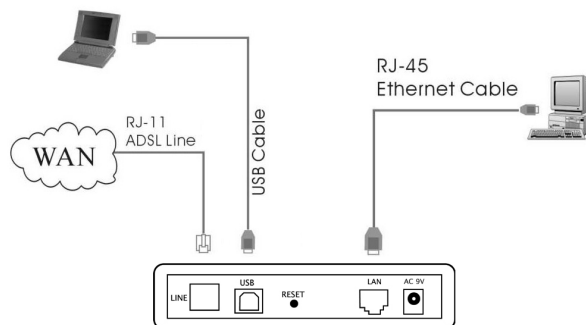
USB Windows compatibility

Win 98/ME/2000/XP

Management

- Ease of use with Quick Installation Utility
- GUI Configuration and Management software
- Built-in DHCP server

Single User Connection example (LAN or USB)



Multi-user Connection with hub example (LAN)

